



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

KENNETH H. HINES

Application No.: 09/881391

Filed: June 12, 2001

For: **System and Method for Coordination
Centric Design of Software Systems**

Art Group: 2176

Examiner: Unknown

RECEIVED
OCT 14 2004
Technology Center 2100

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

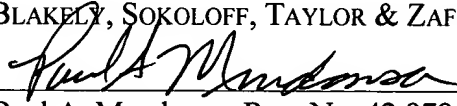
The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: October 06, 2004


Paul A. Mendonsa, Reg. No. 42,879

12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (503) 439-8778

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

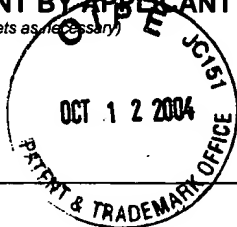

Gayle M. Bekish

10-06-04

Date

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)



Complete if Known

Application Number 09/881,391

Filing Date June 12, 2001

First Named Inventor Unknown

Group Art Unit 2176

Examiner Name Unknown

RECEIVED

OCT 1 4 2004

Sheet 1 of 3

Attorney Docket No: 42P18899

Technology Center 2100

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
1	US-5,428,782	06/27/1995	White,	395	650	
2	US-5,581,691	12/03/1996	Hsu, et al.	395	182.13	08/18/1995
3	US-5,642,478	06/24/1997	Chen, et al.	395	183.21	12/13/2002
4	US-5,724,508	03/03/1998	Harple, Jr., et al.	395	200.04	12/13/2002
5	US-5,794,046	08/11/1998	Meier, et al.	395	704	06/05/1997
6	US-5,819,270	10/06/1998	Malone, et al.	707	7	
7	US-5,870,588	02/09/1999	ROMPAEY, et al.	395	500	10/23/1996
8	US-5,920,717	07/06/1999	NODA, et al.	395	701	12/18/1996
9	US-6,038,381	03/14/2000	Munch, et al.			11/25/1997
10	US-6,052,527	04/18/2000	DELCOURT, et al.	395	705	02/10/1998
11	US-6,083,281	07/04/2000	Diec, et al.	717	128	11/14/1997
12	US-6,125,392	09/26/2000	Labatte, et al.	709	224	10/11/1996
13	US-6,134,676	10/17/2000	VanHuben, et al.	714	39	04/30/1998
14	US-6,347,374	02/12/2002	Drake, et al.	709	224	06/05/1998
15	US-6,539,501	03/25/2003	Edwards, J C.	717	128	12/16/1999

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
--------------------	---------------------	------------------	---	-------	----------	----------------

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	16	"COBRA Overview", (July 1995), 2-1 and 18-5	
	17	AUGUSTON, MIKHAIL, "Building program behavior models", Dept. of computer science, New Mexico State University, 19-26	
	18	BAECKER, R, et al., "Software visualization for debugging", CACM Vol. 40, No. 4, (April 1997), 44-54	
	19	BATES, P.C., "Debugging programs in a distributed system environment", Ph.D. Thesis, University of Massachusetts, Amherst, (1986),	
	20	BATES, P.C., et al., "High-level debugging of distributed systems: The behavioral abstraction approach", The journal of systems and software, Vol. 3, No. 4, (Dec. 1983), 255-264	
	21	BORCHERT, CHRISTOPHER B., "Organization and management of distributed execution event histories for real-time debugging", IEEE, 343-345	
	22	BRUEGGE, B, "A portable platform for distributed event environments", ACM/ONR Workshop on Parallel & Distributed Debugging, (1991), 184-193	
	23	BRYANT, R E., "Symbolic boolean manipulation with ordered binary-decision diagrams", ACM Computing Surveys, (1992), 293-318	
	24	CAI, WENTONG, et al., "Graphical views of the behavior of parallel programs",	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number 09/881,391

Filing Date June 12, 2001

First Named Inventor Unknown

Group Art Unit 2176

Examiner Name Unknown

RECEIVED

OCT 1 4 2004

Technology Center 2100

Sheet 2 of 3

Attorney Docket No: 42P18899

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		<u>Journal of Parallel and Distributed Computing</u> , (06/18/1993),223-230	
	25	CHOU, PAI, et al., "Control generation for embedded systems based on composition of modal processes", 410-415	
	26	CHOU, PAI, et al., "IPChinook: An integrated IP-based design framework for distributed embedded systems", <u>IPChinook</u> , 44-49	
	27	CHOU, PAI H., et al., "Synthesis and optimization of coordination controllers for distributed embedded systems", 410-415	
	28	CONSENS, MARIANO P., et al., "Visualizing and querying distributed event traces with hy+", (June 1994),123-141	
	29	COOPER, R, et al., "Consistent detection of global predicates", <u>ACM/ONR workshop on parallel & distributed debugging</u> , (1991),167-174	
	30	EDWARDS, STEPHEN, et al., "Design of embedded systems: Formal models, validation, and synthesis", <u>Proceedings of the IEEE</u> , Vol. 85, No. 3, (03/01/1997),366-389	
	31	FIDGE, C J., "Logical time in distributed computing systems", <u>IEEE Computer</u> , 24(8), (1991),28-33	
	32	GARGE, V K., et al., "Detection of Weak Unstable Predicates in Distributed Programs", <u>IEEE Transactions on Parallel and Distributed Systems</u> Vol. %, No. 3 March 1994, (1994),299-307	
	33	HARTER, JR., P K., et al., "IDD An interactive distributed debugger", <u>Proc. of the 5th international conference on distributed computing systems</u> , (1985),498-506	
	34	HINES, K, et al., "Debugging distributed implementations of modal process systems", <u>Lecture Notes in Computer Science</u> 1474, (1998),98-107	
	35	HODGES, W, "POSITION PAPER", <u>DARPA WORKSHOP ON MODEL-BASED METHODS FOR EMBEDDED SOFTWARE CREATION</u> , (1999),3 PAGES	
	36	KHOUZAM, M, et al., "Single stepping in event-visualization tools", <u>In processing of the 1996 CAS conference</u> , (1996),103-114	
	37	KIMELMAN, DOUG, et al., "On-the-fly topological sort- a basis for interactive debugging and live visualization of parallel programs", <u>8398 ACM Sigplan Notices</u> No. 12, New York, US, (12/28/1993),12-20	
	38	KOEHNEMANN, H, et al., "Towards target-level testing and debugging tools for embedded software", <u>Conference Proceedings on Tri-ADA '93</u> , (1993),288-298	
	39	KUNDA, J, "Integrating event- and state-based approaches to the debugging of parallel programs", <u>Ph.D. thesis, University of Massachusetts, Amherst</u> , (1996),	
	40	KUNZ, T, "Abstract behavior of distributed executions with applications to visualization", <u>Ph.D. thesis, Technische Hochschule Darmstadt, Germany</u> , (1994),	
	41	KUNZ, THOMAS, et al., "Poet: Target-System-Independent Visualizations of Complex Distributed Executions", <u>IEEE</u> , (1997),452-461	
	42	MATTERN, F, "Efficient Algorithms for Distributed Snapshots and Global Virtual Time Approximation", <u>Journal of Parallel and Distributed Computing</u> Vol 18 No 4,	

EXAMINER

DATE CONSIDERED

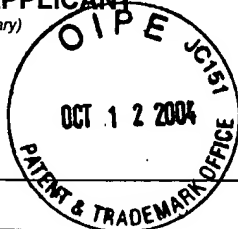
Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	09/881,391
Filing Date	June 12, 2001
First Named Inventor	Unknown
Group Art Unit	2176
Examiner Name	Unknown

RECEIVED**OCT 1 4 2004****Technology Center 2100**

Sheet 3 of 3

Attorney Docket No: 42P18899

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		(1993),	
	43	MATTERN, F, "On the relativistic structure of logical time in distributed systems", <u>Parallel and distributed algorithmns</u> , (1989),	
	44	MCMILLAN, F., "Symbolic Model Checking: An Approach to the State Explosion Problem", <u>Ph.D Thesis, Carnegie Mellon University</u> , (1992),	
	45	NETZER, RH B., et al., "Adaptive message logging for incremental program replay", <u>IEEE Parallel and distributed technology</u> , (1993),32-39	
	46	RAJ, GOPALAN S., "A Detailed Comparison of CORBA, DCOM, and Java/RMI", (July 1995), wysiwyg://402/http://gsraj.tripod.com/misc/compare	
	47	RUSSELL, D L., "State restoration in systems of communicating processes", <u>IEEE Transactions of software engineering</u> , vol. SE-6, No. 2, (1980),183-194	
	48	SHENDE, S, et al., "Event and state-based debugging in TAU: a prototype", <u>Symposium on parallel and distributed tools</u> , (1996),21-30	
	49	SIDE, R S., et al., "A debugger for distributed programs", <u>Software - Practice and Experience</u> , Vol. 24(5), (1994),507-525	
	50	TAYLOR, D J., "A prototype debugger for hermes", <u>Proceedings of the 1992 CAS conference</u> , (1992),313-326	
	51	TAYLOR, D J., "Event Displays for Debugging and Managing Distributed Systems", <u>International Workshop on Network and Systems Management</u> , (1995),	
	52	TSAL, JJ P., et al., "A noninvasive architecture to monitor real-time distributed systems", <u>IEEE Computer</u> , 23, (1990),11-23	
	53	VALOT, C, "Characterizing the accuracy of distributed timestamps", <u>ACM/ONR Workshop on Parallel & Distributed Debugging</u> , (1993),43-52	
	54	ZERNIK, D, et al., "Using visualization tools to understand concurrency", <u>IEEE Software</u> , 9(3), (1992),87-92	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached